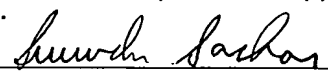


FORM PTO-390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2003)		ATTORNEY'S DOCKET NUMBER <b>279148US0PCT</b>								
<b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/551993</b>								
INTERNATIONAL APPLICATION NO. <b>PCT/JP04/03813</b>	INTERNATIONAL FILING DATE <b>22 March 2004</b>	PRIORITY DATE CLAIMED <b>4 April 2003</b>								
TITLE OF INVENTION <b>METHODS OF PRODUCING AN ALUMINA FILM MAINLY IN ALPHA CRYSTAL STRUCTURE AND THE MULTILAYER FILM THEREOF</b>										
APPLICANT(S) FOR DO/EO/US <b>Hiroshi TAMAGAKI</b>										
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>										
<b>Items 13 to 23 below concern document(s) or information included:</b>										
<ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input type="checkbox"/> Express Mail Label No.</li> <li>23. <input checked="" type="checkbox"/> Other items or information:           <div style="margin-left: 20px; padding-top: 5px;"> <table style="width: 100%;"> <tr> <td style="width: 50%;">Application Data Sheet</td> <td style="width: 50%;">Notice of Priority</td> </tr> <tr> <td>Drawings (17 sheets)</td> <td>PCT/IB/304</td> </tr> <tr> <td>PCT/IB/308</td> <td>PTO-1449</td> </tr> <tr> <td>References Cited (4)</td> <td></td> </tr> </table> </div> </li> </ol>			Application Data Sheet	Notice of Priority	Drawings (17 sheets)	PCT/IB/304	PCT/IB/308	PTO-1449	References Cited (4)	
Application Data Sheet	Notice of Priority									
Drawings (17 sheets)	PCT/IB/304									
PCT/IB/308	PTO-1449									
References Cited (4)										

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) - <b>10/551993</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP04/03813</b>		ATTORNEY'S DOCKET NUMBER <b>279148US0PCT</b>	
The following fees are submitted:				<b>CALCULATIONS</b>	<b>PTO USE</b>
24. <input checked="" type="checkbox"/> Basic national fee .....		<b>\$300</b>	<b>\$</b>	<b>\$300.00</b>	
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ....		<b>\$100</b>	<b>\$</b>	<b>\$200.00</b>	
All other situations. ....		<b>\$200</b>			
26. <input checked="" type="checkbox"/> Search fee .....					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		<b>\$100</b>			
International Search Report prepared and provided to the Office .....		<b>\$400</b>	<b>\$</b>	<b>\$400.00</b>	
All other situations. ....		<b>\$500</b>			
<b>TOTAL OF 24, 25 and 26 =</b>			<b>\$</b>	<b>\$900.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	0	/50 =	0	x \$250.00	<b>\$ \$0.00</b>
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	11 - 20 =	0	x \$50.00	<b>\$ \$0.00</b>	
Independent claims	2 - 3 =	0	x \$200.00	<b>\$ \$0.00</b>	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>			+	\$360.00	<b>\$ \$0.00</b>
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ \$900.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$ \$0.00</b>	
<b>SUBTOTAL =</b>				<b>\$ \$900.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>\$ \$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ \$900.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				<b>\$ \$0.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ \$900.00</b>	
				<b>Amount to be</b>	<b>\$</b>
				<b>Amount to be</b>	<b>\$</b>
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>15-0030</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Customer Number <b>22850</b></p> <p style="text-align: center;"><b>Surinder Sachar</b> <b>Registration No. 34,423</b></p> <p style="text-align: right;">           SIGNATURE  <b>Norman F. Oblon</b>          NAME  <b>24,618</b>          REGISTRATION NUMBER       </p>					

10/ 551 993

DOCKET NO.: 279148US0PCT

JC05 Rec'd PCT/PTO 04 OCT 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Hiroshi TAMAGAKI, et al.

SERIAL NO.: NEW U.S. PCT APPLICATION

FILED: HEREWITH

INTERNATIONAL APPLICATION NO.: PCT/JP04/03813

INTERNATIONAL FILING DATE: March 22, 2004

FOR: METHODS OF PRODUCING AN ALUMINA FILM MAINLY IN  $\alpha$  CRYSTAL  
STRUCTURE AND THE MULTILAYER FILM THEREOF

**REQUEST FOR PRIORITY UNDER 35 U.S.C. 119**  
**AND THE INTERNATIONAL CONVENTION**

Commissioner for Patents  
Alexandria, Virginia 22313

Sir:

In the matter of the above-identified application for patent, notice is hereby given that  
the applicant claims as priority:

**COUNTRY**  
Japan

**APPLICATION NO**  
2003-102019

**DAY/MONTH/YEAR**  
04 April 2003

Certified copies of the corresponding Convention application(s) were submitted to the  
International Bureau in PCT Application No. PCT/JP04/03813. Receipt of the certified  
copy(s) by the International Bureau in a timely manner under PCT Rule 17.1(a) has been  
acknowledged as evidenced by the attached PCT/IB/304.

Respectfully submitted,  
OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Norman F. Oblon  
Attorney of Record  
Registration No. 24,618  
Surinder Sachar  
Registration No. 34,423

Customer Number

**22850**

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(OSMMN 08/03)